From: ISS World North America
To: ndaigle@bakersfieldpd.us
Subject: Invitation to North America"s Most Advanced Lawful Intercept and 4G/5G Signal Intercept Training Conference
Date: Sunday, June 23, 2019 4:35:28 PM

Warning: This email originated from outside the City of Bakersfield. Think before you click!

Dear Law Enforcement Officer and Intelligence Analyst,

ISS World North America
Training Conference and Exhibition
4-6 September 2019
Washington, DC
https://www.issworldtraining.com/ISS_WASH/brochure.pdf

This is an invitation to you and your colleagues to join us at ISS World North America, the premier advanced Lawful Intercept Social Network Monitoring, Cyber Threat Detection and Dark Net Investigation Training Conference.

ISS World North America features 11 Cyber and Financial Crime Investigation, Dark Web and Social Network Monitoring Training Seminars (40 classroom hours) lead by sworn and retired law enforcement officers and Ph.D Computer Scientists.

In addition we have scheduled 26, one hour Training Sessions on Social Network, Dark Web Monitoring and OSINT Automation by leading ISS Vendors in our Tracks 1 and 5 (see below) plus 48 additional cyber crime investigation sessions scheduled in our other 7 tracks.

To **Register** you and your colleagues, click on https://www.issworldtraining.com/ISS_WASH/register.htm. Note, our early registration special. Register at full price and invite a guest to join you at no charge (e.g. $497.50 per attendee)

Advanced Training Seminars

Presented by *Current and Former Sworn Law Enforcement Officers and Ph.D Computer Scientists*
(40 Classroom Hours of Training)

Wednesday, 4 September 2019

Online Social Media and Internet Investigations
-Charles Cohen, Cohen Training and Consulting, LLC. Charles Cohen also holds the position of Captain, Cyber

Track 1: Lawful Interception and Hi-Tech Criminal Investigation Training

Wednesday, September 4, 2019

The Internet, and how suspects leave a Digital Footprint. How the system works for us, as investigators
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Crimes Investigative Technologies Section, Indiana State Police, USA

Practitioners Guide to Internet Investigations
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Cybercurrency 101: Introduction to What Technical Investigators Need to Know about Bitcoin and Altcoin Transactions, Dark Web Commerce and Blockchain Analysis
-Matthew Lucas, (Ph.D., Computer Science) VP, TeleStrategies

Investigation Techniques for Unmasking TOR Hidden Services and Other Dark Web Operations
-Matthew Lucas, (Ph.D., Computer Science) VP, TeleStrategies

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand
-Matthew Lucas, (Ph.D., Computer Science) VP, TeleStrategies

Understanding Mobile 2G/3G/4G Infrastructure and Lawul Intercept for Technical Investigators
-Jerry Lucas, (Ph.D., Physics) President, TeleStrategies

Understanding 5G Infrastructure, Planned Services, Security Weaknesses and Lawful Intercept Options for Technical Investigators
-Jerry Lucas, (Ph.D., Physics) President, TeleStrategies

Understanding 5G NFV, Network Slicing and Edge Computing for Law Enforcement Investigators
-Matthew Lucas, (Ph.D., Computer Science) VP, TeleStrategies

Introduction to TSCM and Modern Eavesdropping Threats
-Roger Werries, Training Instructor at

Recognizing Traffic Data and digital profiling via social networks and devices – digital shadows
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Advanced Techniques in Tracing Suspects, a lateral problem solving
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Defeating Network Encryption: What Law Enforcement and The Intelligence Community Needs to Understand
-Matthew Lucas (Ph.D, Computer Science), VP, TeleStrategies

Thursday, September 5, 2019

Digital Toolbox: the investigator's best friend
-AREA

Internet Records Intelligence: Collection, Storage, Disclosure & Analysis
-Yaana

Monitoring Encrypted Traffic
-Presenter to be Announced

Lawful Interception on 5G Networks
-Utimaco TS GmbH

Encrypt or not - every IP-packet tells a story
-Mark Uldahl, CTO, XCI A/S

5G: Keep Calm & Carry on with LI
-Yaana

Lawful Interception for IoT Environments
-Utimaco TS GmbH

Friday, September 6, 2019

Understanding "Defeating Encryption" with Quantum Computing for Non-Engineers
-Dr. Jerry Lucas, President, TeleStrategies

Research Electronics International (REI) Training Center for TSCM

Thursday, September 5 2019

Concerns and Considerations in Financial Crime Investigations
-Michael Loughnane, CAMS, CFE, Loughnane Associates, LLC

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Track 2: Social Network Monitoring, OSINT and Cyberthreat Detection Training

Wednesday, September 4, 2019

Recognizing Traffic Data and digital profiling via social networks and devices – digital shadows
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Global terror butterfly effect: Social network and real time threat analysis of lone wolves terrorism
-Cobwebs

Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox
-Charles Cohen, Cohen Training and Consulting, LLC, also holds the position of Captain, Office of Intelligence & Investigative Technologies, Indiana State Police, USA

Open Source Tools, resources and techniques – A walk through my free law enforcement open source tools site
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Thursday, September 5, 2019

Combating Threats with Advanced AI-Driven Technologies - Leveraging open source data to anticipate and prevent future attacks
-Voyager Labs

Friday, September 6, 2019

Global terror butterfly effect: Social network and real time threat analysis of lone wolves terrorism
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Combating Threats with Advanced AI-

Driven Technologies - Leveraging open source data to anticipate and prevent future attacks
-Voyager Labs

Top 20 Open Source Tools (OSINT) Used in Cybercrime Investigations
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Track 5: 4G, 5G and Wi-Fi Intercept, Tracking and Forensics Training

Wednesday, September 4, 2019

Understanding Mobile 2G/3G/4G Infrastructure and Law Intercept for Technical Investigations
-Dr. Jerry Lucas,
President, TeleStrategies

Understanding 5G Infrastructure, New Radio and Lawful Intercept Challenges for Technical Investigators
-Dr. Jerry Lucas,
President, TeleStrategies

Understanding 5G NFV, Network Slicing and Edge Computing for Law Enforcement Investigators
-Matthew Lucas (Ph.D., Computer Science), VP, TeleStrategies

WIFI, geolocation, and Mobile Data traces and tracking
-Mark Bentley, Communications Data Expert, National Cyber Crime Law Enforcement, UK Police

Tor, onion routers, Deepnet and Darknet: A Deep Dive for Criminal Investigators
-Charles Cohen, Cohen Training and Consulting, LLC, also holds the position of Captain, Office of Intelligence & Investigative Technologies, Indiana State Police, USA

Cellular Handset Geolocation:

	Investigative Opportunities and Personal Security Risks ***-Charles Cohen, Cohen Training and Consulting, LLC, also holds the position of Captain, Office of Intelligence & Investigative Technologies, Indiana State Police, USA*** Collecting Evidence from Online Social Media: Building a Cyber-OSINT Toolbox (Part 1) ***-Charles Cohen, Cohen Training and Consulting, LLC, also holds the position of Captain, Office of Intelligence & Investigative Technologies, Indiana State Police, USA*** **Thursday, September 5, 2019** 5G: Keep Calm & Carry on with LI ***-Yaana*** Practical and creative example of modifying Android OS by HEX editing system files and hacking regular applications to achieve surveillance, (NEW PRODUCT RELEASE AT STAND) ***-Denis Cuculic, CEO ex. Head of Technical Department, PRO4SEC***

To review our complete, ten track ISS World North America **Brochure**, click on https://www.issworldtraining.com/ISS_WASH/brochure.pdf

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Conference Tracks,
4-6 September 2019

Track 1:	Lawful Interception and Hi-Tech Criminal Investigation Training
Track 2:	Social Network Monitoring, OSINT and Cyberthreat Detection Training
Track 3:	Investigating Dark Webs and Associated Cybercurrency Transactions
Track 4:	Artificial Intelligence and Big Data Analytics Training
Track 5:	4G, 5G and Wi-Fi Intercept, Tracking and Forensics Training
Track 6:	Technology Surveillance Countermeasures (TSCM) Training
Track 7:	Body Worn Cameras, Facial Recognition and Live Video Analytics Training
Track 8:	Financial Crime Investigation and Prevention
Track 9:	5G/IoT Applications for Law Enforcement, Public Safety and Homeland

Security

ISS World North America 2019 Exhibiting and Supporting Companies

AREA	Pro4Sec	TVU Networks
Ayonix	REI	Vere Software
Clearview AI	S.E.G.	Voyager Labs
Cobwebs	SDL	WestBridge
Cohen Training & Consulting	Searchlight Security	XCI
COMSEC	Septier	Yaana
DarkOWL	THORAD	

To **Review** the complete ISS World North America program agenda and exhibiting companies, click on https://www.issworldtraining.com/ISS_WASH/index.htm.

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If you are unable to access these links, please enter www.issworldtraining.com in your browser and click on the ISS World North America conference tab. From here, you can click on "Register", "Agenda", "Brochure" and the other corresponding buttons to access these pages.

We hope to see you and your colleagues at ISS World North America on 4-6 September, 2019 in Washington, DC.

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